

**Department of Forensic Science**  
**Breath Alcohol Section**  
**Instrument Maintenance History**  
**1/1/1990 To 12/2/2013**

*HMS*  
*12/2/13*  
*MSH*

**Instrument Serial Number: 010468**

**As of 02-Dec-13**

<b>Maintenance</b>	<b>Certification</b>	<b>Technician</b>	
<b>Date</b>	<b>Date</b>	<b>Initials</b>	<b>Remarks</b>
26-Nov-13	16-Oct-13	HMS (18910)	REPLACED DRY GAS STANDARD, REPLACED PRINTER RIBBON.
16-Oct-13	16-Oct-13	HMS (18910)	CERTIFIED
25-Sep-13	25-Sep-13	TLN (25387)	CERTIFIED.
23-Sep-13	23-Sep-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
06-Dec-12	06-Dec-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
24-Oct-12	24-Oct-12	HMS (18910)	CERTIFIED
16-Oct-12	16-Oct-12	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
13-Jun-12	13-Jun-12	DBH (21250)	CALIBRATED, CERTIFIED AND ACCEPTED.

HIS  
msk

# INTOX EC/IR II

## Quality Assurance Worksheet

Instrument Serial Number 010468 Worksheet Start Date 11/26/2013

Location Fairfax County Adult Detention Center

Address 10520 Judicial Dr., Fairfax, VA 22030

DFS Technician Heather Stanton License No. 18910

☐ Laboratory ☒ On-Site

### Site Specifications

Yes No

**1 Secured Environment:**

Location must not be accessible to the general public.

☒ ☐

**2 Environment free from contaminants**

☒ ☐

**3 Dedicated telephone line:**

The phone line should be used solely by the instrument.

☒ ☐

**4 Adequate Ventilation:**

Enough space must be provided for the instrument and the printer to allow for adequate ventilation.

☒ ☐

**5 Stable temperature controls:**

The instrument should not be exposed to direct sources of temperature variation.

☒ ☐

**6 115VAC power source:**

Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.

☒ ☐

**7 Room Condition:**

The site should be free of excessive moisture, heat and dust.

☒ ☐

E-Seek	Old serial no.	New serial no.	Supplies
Keyboard			Mouthpieces
Printer			Certificates of Analysis
UPS			Operator Worksheet
			Other:

Maintenance (if any)  
Replaced printer ribbon.

Comments (if any)

Instrument Serial Number 010468

Certification Date

Instrument Barometer (mm HG) 754

Reference Barometer (mm HG)

755

Reference Barometer(RB)Serial # 009113

RB Calibration Due

5/8/2014

Standard (sea level)

0.250

PA Target

minimum

maximum

Sample 1

Sample 2

Sample 3

Precision

0

0.000

0.000

sample min

sample max

0.000

0.000

Standard (sea level)

0.150

PA Target

minimum

maximum

Sample 1

Sample 2

Sample 3

Precision

0

0.000

0.000

sample min

sample max

0.000

0.000

Standard (sea level)

0.080

PA Target

minimum

maximum

Sample 1

Sample 2

Sample 3

Precision

0

-0.003

0.003

sample min

sample max

0.000

0.000

Standard (sea level)

0.020

PA Target

minimum

maximum

Sample 1

Sample 2

Sample 3

Precision

0

-0.003

0.003

sample min

sample max

0.000

0.000

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☒ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG217702-16

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)

0.100

PA Target

0.099

minimum

0.096

maximum

0.102

Sample 1

0.099

Precision

0.001

sample min

0.098

sample max

0.099

Sample 2

0.099

Sample 3

0.098

DFS Technician

*Hooten in Stach*

Date

*11/20/13**12/2/13  
tms*

Issuing Analyst

*Melina Kennedy*

Date

*12/2/13*

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

DFS Document 250-F113

Revision 6

Page 2 of 2

AMO  
mll

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 917

Test Date: 11/26/2013      Test Time: 11:39 EST

Dry Gas Target: 0.298

Lot Number: AG322702-01      Exp Date: 08/15/2015

Tank Pressure: 105 psi      Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:39
CHK	0.301	11:40
BLK	0.000	11:42
CHK	0.300	11:43
BLK	0.000	11:44
CHK	0.300	11:45

Test Status: *Success*

Calibration CRC: 21A2382B

AMS

MSL

# **Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 918

Test Date: 11/26/2013      Test Time: 11:47 EST

Dry Gas Target: 0.099

Lot Number: AG217702-16      Exp Date: 06/25/2014

Tank Pressure: 742 psi      Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:48
CHK	0.099	11:49
BLK	0.000	11:50
CHK	0.099	11:51
BLK	0.000	11:52
CHK	0.098	11:53

Test Status: *Success*

Calibration CRC: 21A2382B





COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE


HMS  
12/2/13

MSK

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED  INSTRUMENT, TEST,	NAME OF COURT  DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY  STANTON, HEATHER, M		AGENCY  DFS Central Lab
DFS LICENSE NUMBER  18910	LICENSE EXPIRES  10/01/2014	DATE TEST CONDUCTED  11/26/2013
TEST EQUIPMENT NUMBER  010468		

RESULTS: TIME SAMPLE TAKEN 12:01 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_  
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_  
OPERATOR'S SIGNATURE



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

HWS  
12/2/13  
HWS

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>STANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>11/26/2013</b>
TEST EQUIPMENT NUMBER <b>010468</b>		

RESULTS: TIME SAMPLE TAKEN **12:01 EST**

SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

Replaced printer ribbon HWS  
11/26/13

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_\_.

BREATH TEST OPERATOR
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☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 26 Nov 2013 at 16:22

*Handwritten signatures and initials.*

## Test Results

Instrument Serial Number 010468

Test # 000919 Subject Test

Test Location 1 Department of  
Test Date 26 Nov 2013

Test Location 2 Forensic Science  
Test Time 11:55  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name STANTON  
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M  
License Number 18910

Card Serial Number 118910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 26 Nov 2013 End Time 12:02

Result Time 12:01

Result Date 26 Nov 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:55

Data Type BLK

Sample Value 0.000

Sample Time 11:56

Data Type CHK

Sample Value 0.098

Sample Time 11:56

Data Type BLK

Sample Value 0.000

Sample Time 11:58

Data Type SUBJ

Sample Value 0.000

Sample Time 11:58

Data Type BLK

Sample Value 0.000

Sample Time 11:59

Data Type SUBJ

Sample Value 0.000

Sample Time 12:01

Data Type BLK

Sample Value 0.000

Sample Time 12:02

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG217702-16

Standard Expiration Date 06/25/2014

Tank Pressure 732

Barometric Pressure 754 mmHg

Blow Sample Number 1 Blow Duration 3.70 sec

Blow Volume 1711 cc End-of-Blow Time 11:58

Blow Sample Number 2 Blow Duration 3.73 sec

Blow Volume 1771 cc End-of-Blow Time 12:01

Tamper Evident Stamp d942e196

Test Status Code 0

Test Status Success